

# CAMPAIGN For TOBACCO-FREE Kids®

## TOBACCO USE AND HARMS AMONG WOMEN & GIRLS IN INDIANA

***Current Women Smokers in the State: 25.4% (592,000 women).***

***Current High School Girl Smokers: 30.2% (65,000 girls)***

***Current High School Girl Smokeless Tobacco Users: 1.4% (3,000 girls)***

Nine out of ten women smokers begin before age 19; and 189,000 of all girls under 18 living in Indiana today will become regular, daily smokers if current trends continue. Nationwide, 21.0% of women and 27.3% of high school girls smoke, and 1.9% of high school girls use smokeless tobacco. Indiana ranks 45th among the states for smoking by women (1<sup>st</sup> = lowest rate).

### **Female Deaths from Smoking in Indiana**

*Girls under 18 alive in Indiana today who will die prematurely from smoking if current trends continue: 60,000*

*Women who die each year in Indiana from smoking: 4,125*

*Children under 18 in Indiana who lose a mom to smoking each year: 260*

*Children under 18 in state today who have lost a mom to smoking: 1,800*

### **Expenditures in Indiana to Treat Women's Smoking-Caused Health Problems**

*Total state health care costs to treat female smokers each year: \$778.6 million*

Indiana residents also annually pay \$13.0 million in federal taxes to cover their share of the U.S. Social Security Supplementary Income program's support payments to children under 18 and other dependent children eligible for SSSI because they have lost a mom to smoking.

### **Factors Affecting Tobacco Use Rates Among Women and Girls in Indiana**

*Estimated Annual tobacco industry marketing expenditures in Indiana each year: \$239.9 million*

*Annual per-capita state tobacco prevention expenditures: \$5.28*

*CDC recommended minimum per-capita tobacco-prevention spending level for state: \$5.72*

*State's national rank: 6*

[1<sup>st</sup> = highest state spending to prevent and reduce tobacco use as a percentage of the minimum amounts recommended by the U.S. Centers for Disease Control and Prevention (CDC).]

*State cigarette tax per pack: 55.5¢ [States' average: 70.5¢ per pack]*

*State's national rank: 28th*

[1<sup>st</sup> = highest cigarette tax rate. Cigarette taxes increase cigarette prices and research studies have shown that every 10% increase in state cigarette prices reduces overall cigarette consumption by four percent and reduces the number of kids who smoke by almost seven percent.]

***National Center for Tobacco-Free Kids, July 7, 2003 / Meg Gallogly***

## Sources

State women's smoking rate: 2001 Behavioral Risk Factor Surveillance System. National women's smoking rate: 2000 National Health Interview Survey. State girls smoking rate: 2000 Youth Tobacco Survey (YTS). A 2000 survey by the Indiana Prevention Resource Center at Indiana University found that 31.1% in high school smoked, [www.drugs.indiana.edu/drug\\_stats/youth2000](http://www.drugs.indiana.edu/drug_stats/youth2000) [high school rate estimated from grade-specific data]. National girls smoking rate: 2000 National YTS. Using a different methodology, the 2001 YRBS found that 27.7% of U.S. female high schoolers smoked. State girls smokeless rate: 2001 Youth Risk Behavior Surveillance (YRBS) [unweighted.]. National girls smokeless rate: 2001 YRBS. Using a different methodology, the 2000 YTS found that 1.4% of U.S. high school females used smokeless. Much of this data is available in U.S. Centers for Disease Control and Prevention (CDC) publications, including its *Investment in State Tobacco Control: State Highlights 2002*, available at [www.cdc.gov/tobacco](http://www.cdc.gov/tobacco). Numbers of women and girl smokers and smokeless users calculated using prevalence rates and state population data from the U.S. Census Bureau, [www.census.gov](http://www.census.gov). Portion of women smokers who start before 19 calculated using unpublished data on female adult daily users and age of first use from the U.S. Substance Abuse and Mental Health Services Administration, *National Household Surveys on Drug Abuse 1998* (2000), [www.icpsr.umich.edu/cgi-bin/SDA12/hsda?samhda+nhsda98](http://www.icpsr.umich.edu/cgi-bin/SDA12/hsda?samhda+nhsda98).

Girls who will become daily smokers and those who will die early from smoking: Based on formula in CDC, "Projected Smoking-Related Deaths Among Youth -- United States," *Morbidity and Mortality Weekly Report* (MMWR) 45(44): 971-974 (November 8, 1996), using current population and smoking rate data, [www.cdc.gov/mmwr](http://www.cdc.gov/mmwr). Women deaths from smoking: CDC, *Investment in State Tobacco Control: State Highlights 2002*, [http://www.cdc.gov/tobacco/statehi/statehi\\_2002.htm](http://www.cdc.gov/tobacco/statehi/statehi_2002.htm) Lost moms data and related SSSI costs: Leistikow, B., et al., "Estimates of Smoking-Attributable Deaths at Ages 15-54, Motherless or Fatherless Youths, and Resulting social Security Costs in the United States in 1994," *Preventive Medicine* 30(5): 353-360 (May 2000) and state-specific data provided by the author.

Health costs from women smoking: From Miller, L., et al., "State Estimates of Total Medical Expenditures Attributable to Cigarette Smoking, 1993," *Public Health Reports* 113: 447-58 (Sept./Oct. 1998), <http://hav54.socwel.berkeley.edu/faculty/publications/lmiller.html> and X. Zhang et al., "Cost of Smoking to the Medicare Program, 1993," *Health Care Financing Review* 20(4): 1-19 (Summer 1999), with state healthcare expenditures to treat women smokers calculated using proportion of women among all adult smokers in state. The smoking-caused healthcare cost estimates in these studies do not include health costs from smokeless tobacco use, smoking among youth under 19, or secondhand smoke exposure, and they are based on 1993 healthcare expenditure data. Since then, healthcare costs have increased sharply. Accordingly, the amount presented here for annual healthcare costs to treat women with smoking-caused disease is quite conservative.

State per-capita spending to reduce tobacco use and national ranking: Campaign for Tobacco-Free Kids, et al., *Show Us The Money: An Update on the State's Allocation of the Tobacco Settlement Dollars* (January 22, 2003), <http://www.tobaccofreekids.org/reports/settlements/>.

Tobacco company marketing: U.S. Federal Trade Commission (FTC), *Cigarette Report for 2001*, June 12, 2003 [data for top six manufacturers only], <http://www.ftc.gov/os/2003/06/2001cigreport>; FTC, *Report to Congress for the Years 1998 and 1999 Pursuant to the Comprehensive Smokeless Tobacco Health Education Act of 1986* (2001), [http://www.ftc.gov/reports/tobacco/smokeless98\\_99.htm](http://www.ftc.gov/reports/tobacco/smokeless98_99.htm) [top five manufacturers]. State total a prorated estimate based on its population.

State cigarette tax and rank: Orzechowski & Walker, *The Tax Burden on Tobacco* (2002) [industry-funded annual report]. Research re cigarette tax and price increases reducing adult and, especially, youth smoking: See, e.g., Chaloupka, F. J., "Macro-Social Influences: The Effects of Prices and Tobacco Control Policies on the Demand for Tobacco Products," *Nicotine and Tobacco Research* (2000); Chaloupka, F. J. & R. Pacula, *An Examination of Gender and Race Differences in Youth Smoking Responsiveness to Price and Tobacco Control Policies*, National Bureau of Economic Research, Working Paper 6541 (April 1998); Harris, J. E. & S. W. Chan, "The Continuum-of-Addiction: Cigarette Smoking in Relation to Price Among Americans Aged 15-29," *Health Economics Letters* 2(2) 3-12 (February 1998), [www.mit.edu/people/jeffrey/](http://www.mit.edu/people/jeffrey/); CDC, "Responses to Cigarette Prices By Race/Ethnicity, Income, and Age Groups -- United States 1976-1993," *Morbidity and Mortality Weekly Report* 47(29): 605-609 July 31, 1998), [www.cdc.gov](http://www.cdc.gov). Chaloupka studies at [www.uic.edu/~fjc/](http://www.uic.edu/~fjc/).